

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108319.D
 Acq On : 21 Aug 2018 5:26
 Operator : JU/SJ
 Sample : J4500-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Aug 21 06:58:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	170023	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	568991	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	237105	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	420142	20.00	ng	0.00
75) Chrysene-d12	14.21	240	301550	20.00	ng	0.00
86) Perylene-d12	15.78	264	229759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1167406	124.31	ng	0.04
7) Phenol-d6	6.65	99	1324735	106.15	ng	0.02
23) Nitrobenzene-d5	7.58	82	1064609	104.41	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	363341	153.63	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1744306	118.11	ng	0.00
78) Terphenyl-d14	13.15	244	1658397	139.83	ng	0.00

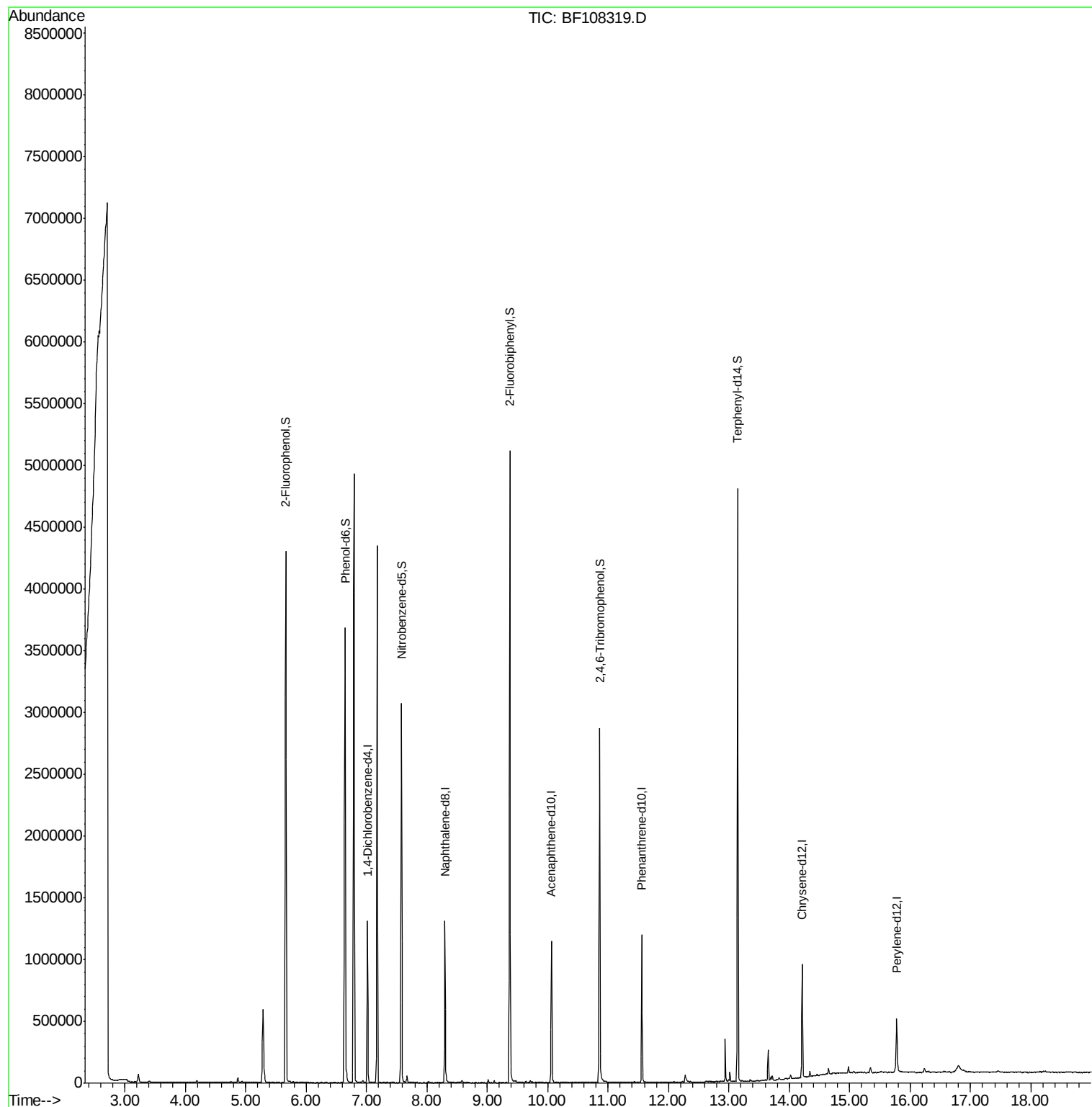
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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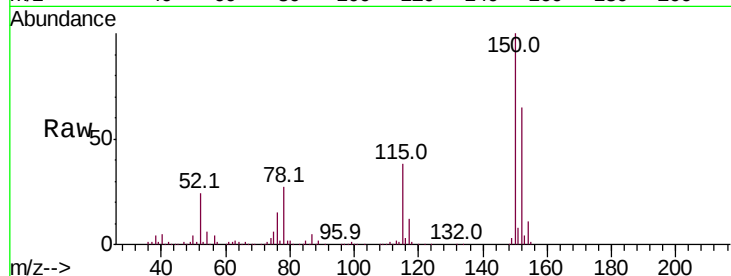


#1

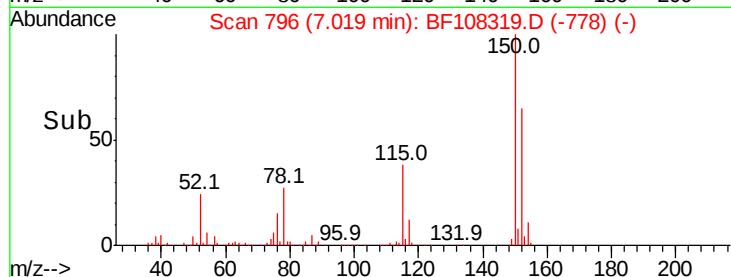
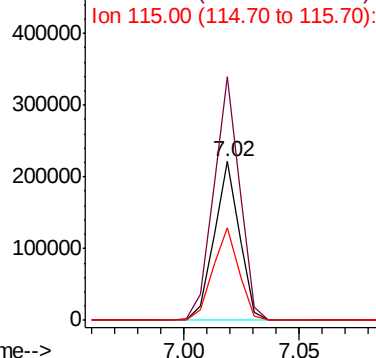
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108319.D
Acq: 21 Aug 2018 5:26

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion:152 Resp: 170023
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 58.3 50.1 75.1



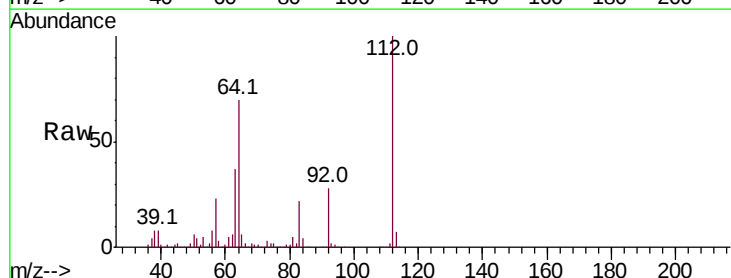
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



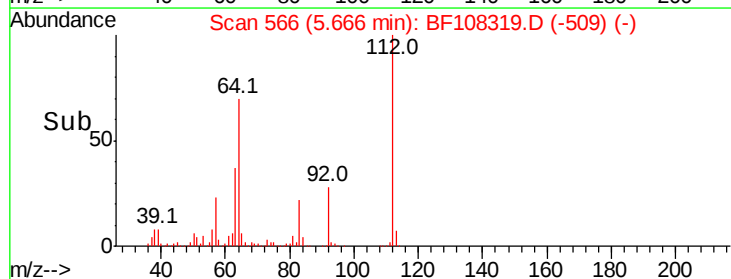
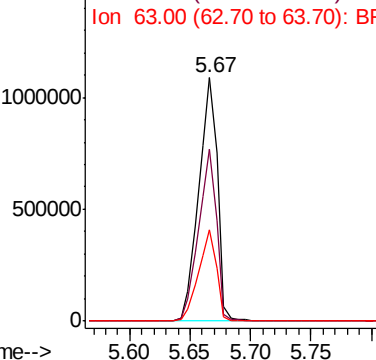
#5

2-Fluorophenol
Concen: 124.309 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.04 min
Lab File: BF108319.D
Acq: 21 Aug 2018 5:26

Tgt Ion:112 Resp: 1167406
Ion Ratio Lower Upper
112 100
64 70.4 47.9 71.9
63 37.4 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.152 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108319.D

Acq: 21 Aug 2018 5:26

Instrument :

BNA_F

ClientSampleId :

TP-7

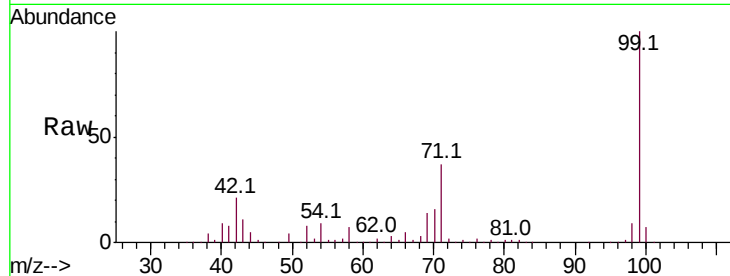
Tot Ion: 99 Resp: 1324735

Ion Ratio Lower Upper

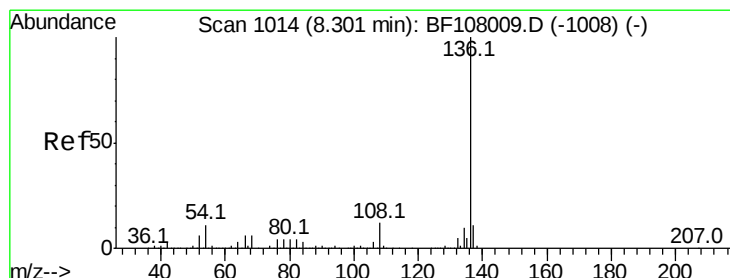
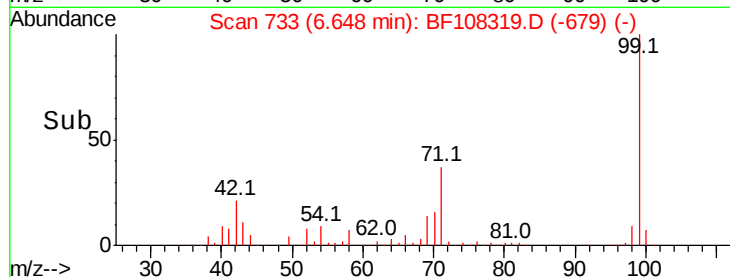
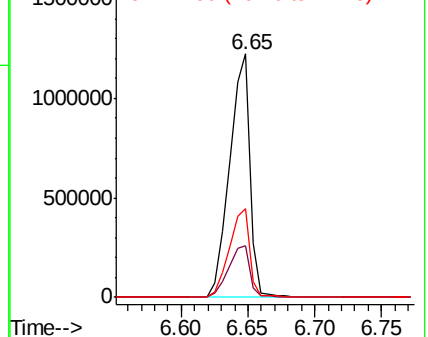
99 100

42 21.3 14.5 21.7

71 36.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108319.D

Acq: 21 Aug 2018 5:26

Tgt Ion: 136 Resp: 568991

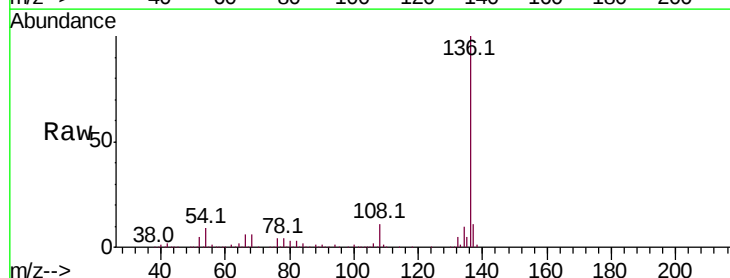
Ion Ratio Lower Upper

136 100

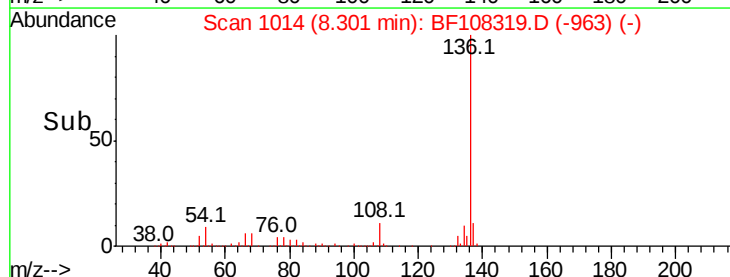
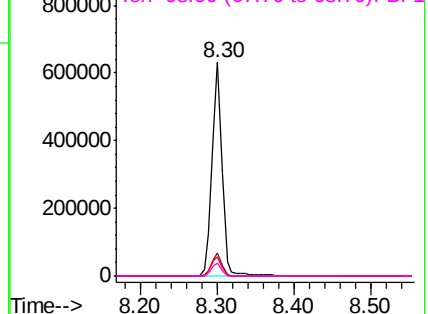
137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 5.9 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



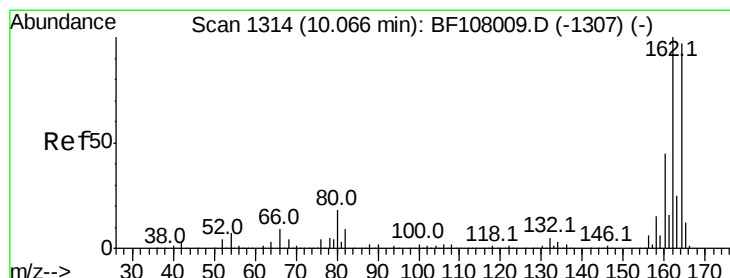
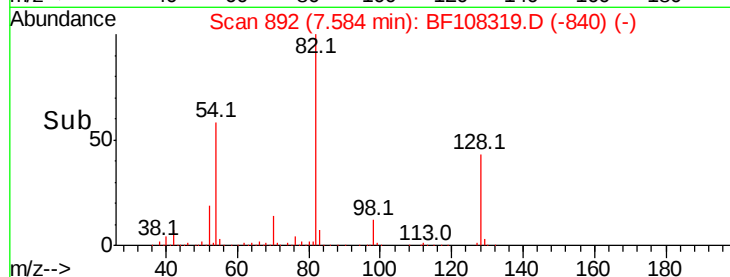
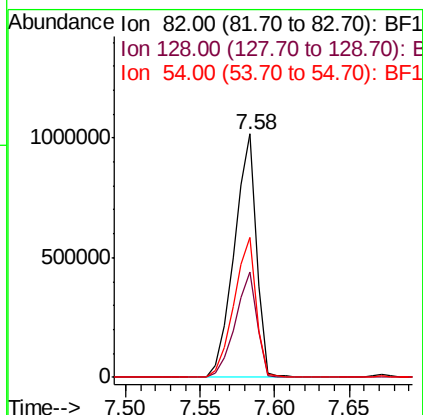
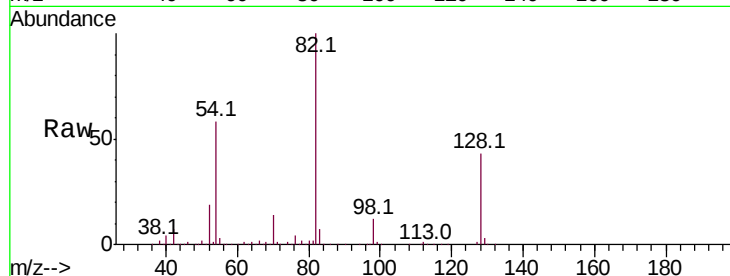


#23
 Nitrobenzene-d5
 Concen: 104.407 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108319.D
 Acq: 21 Aug 2018 5:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion: 82 Resp: 1064609

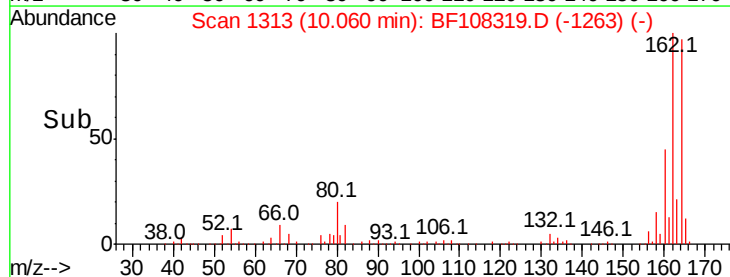
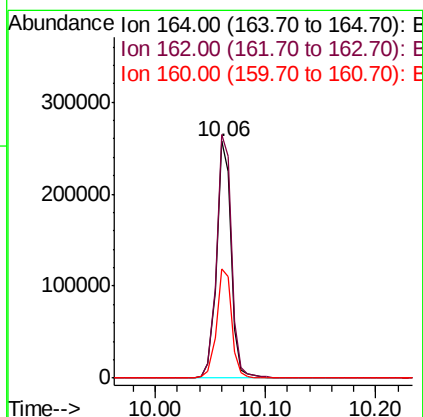
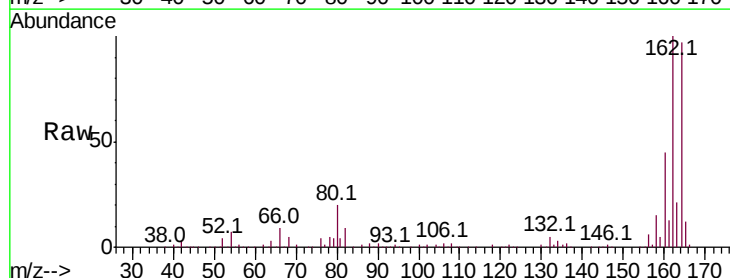
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	57.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108319.D
 Acq: 21 Aug 2018 5:26

Tgt Ion: 164 Resp: 237105

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.9	38.3	57.5

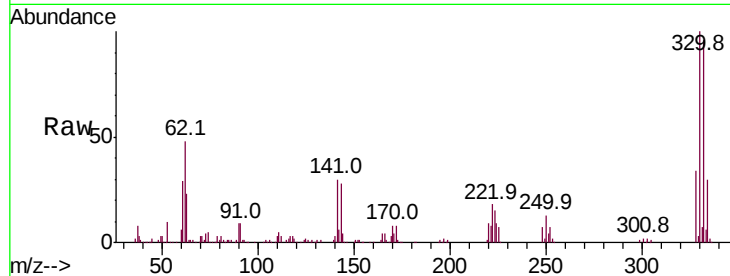




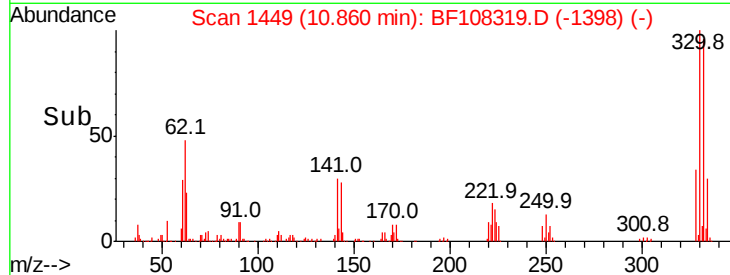
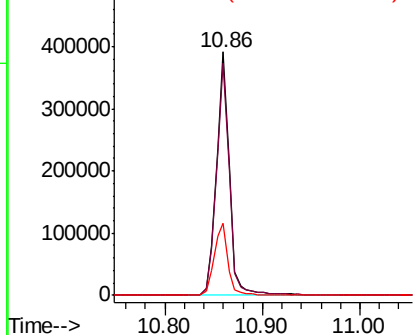
#41
 2,4,6-Tribromophenol
 Concen: 153.629 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108319.D
 Acq: 21 Aug 2018 5:26

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion:330 Resp: 363341
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 31.8 29.9 44.9

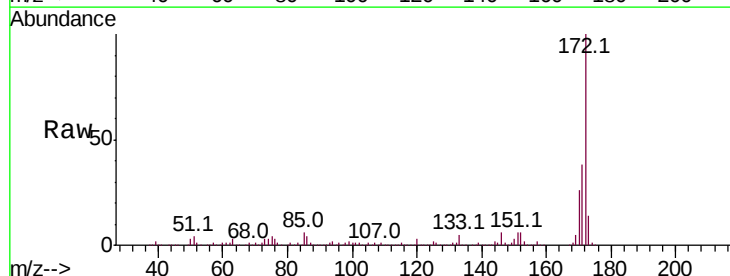


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

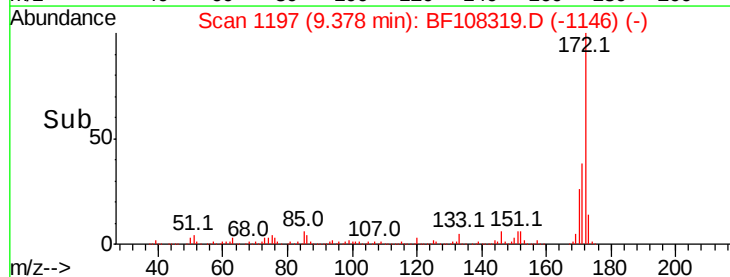
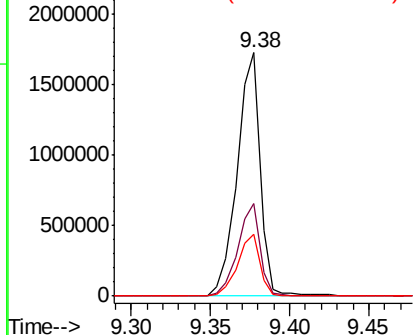


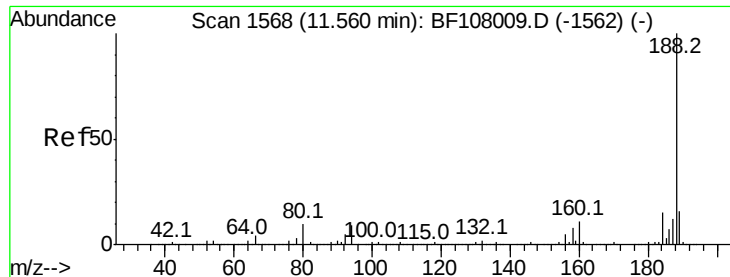
#44
 2-Fluorobiphenyl
 Concen: 118.109 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108319.D
 Acq: 21 Aug 2018 5:26

Tgt Ion:172 Resp: 1744306
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 25.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108319.D

Acq: 21 Aug 2018 5:26

Instrument :

BNA_F

ClientSampleId :

TP-7

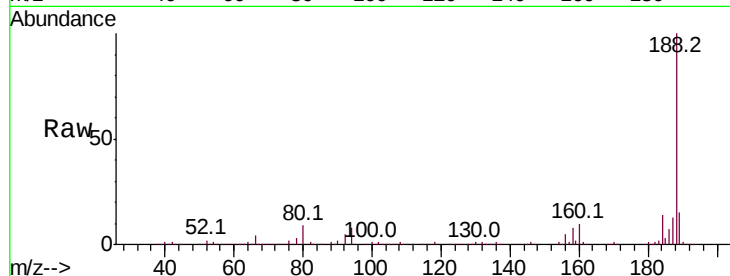
Tot Ion:188 Resp: 420142

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

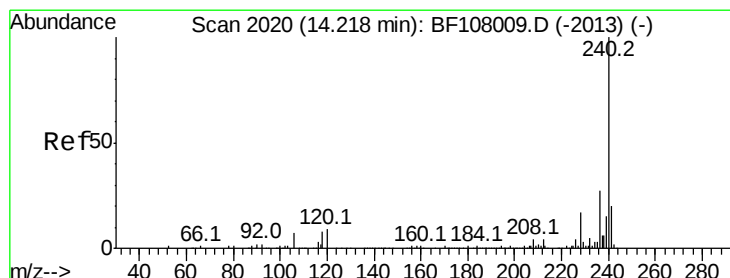
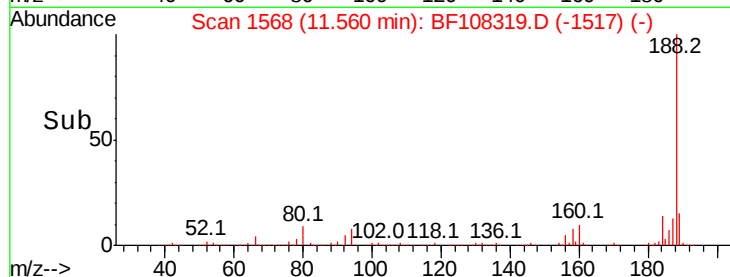
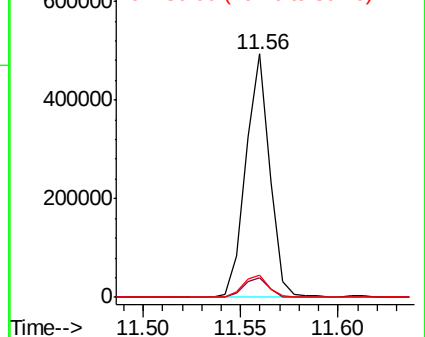
80 9.2 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108319.D

Acq: 21 Aug 2018 5:26

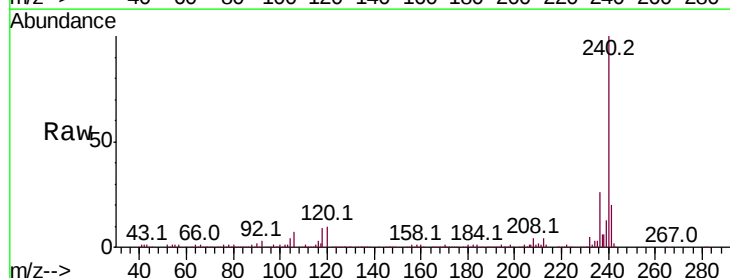
Tgt Ion:240 Resp: 301550

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

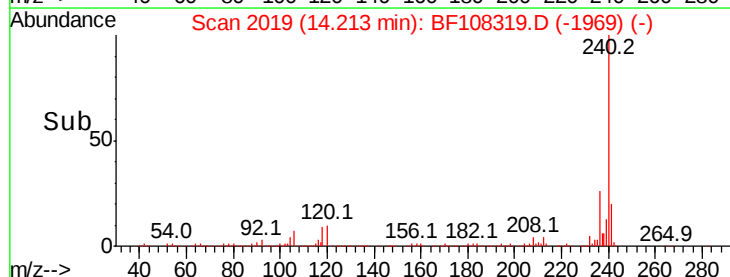
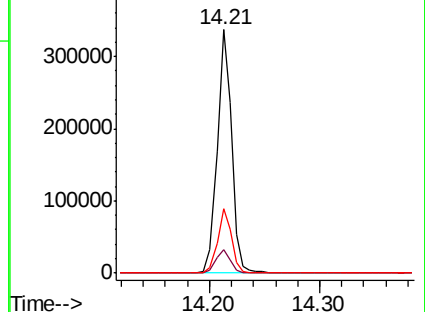
236 26.4 20.7 31.1

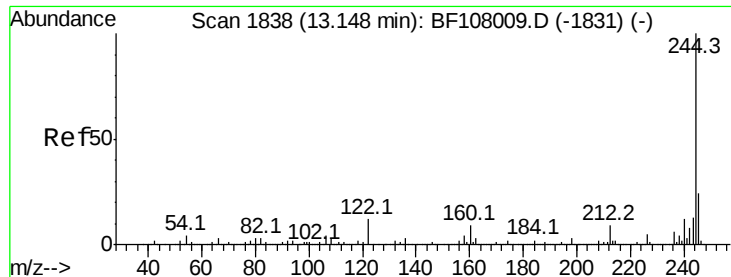


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 139.830 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108319.D

Acq: 21 Aug 2018 5:26

Instrument :

BNA_F

ClientSampleId :

TP-7

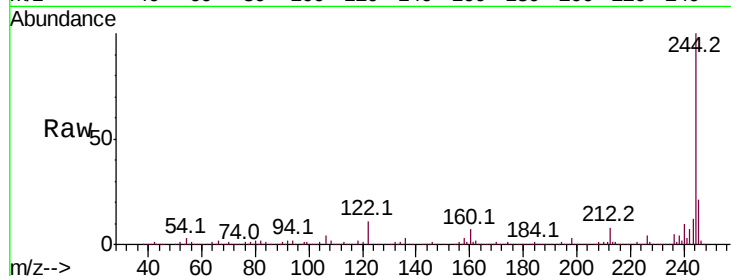
Tot Ion:244 Resp: 1658397

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

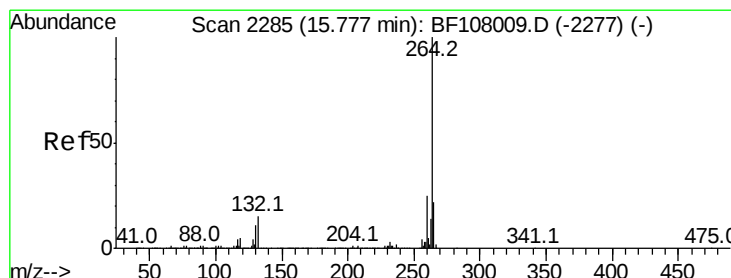
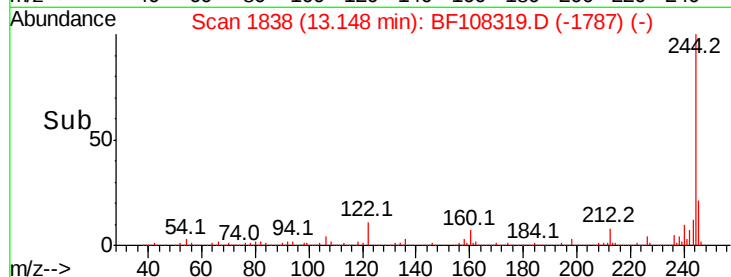
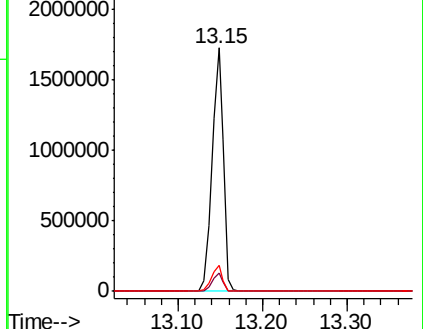
122 10.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108319.D

Acq: 21 Aug 2018 5:26

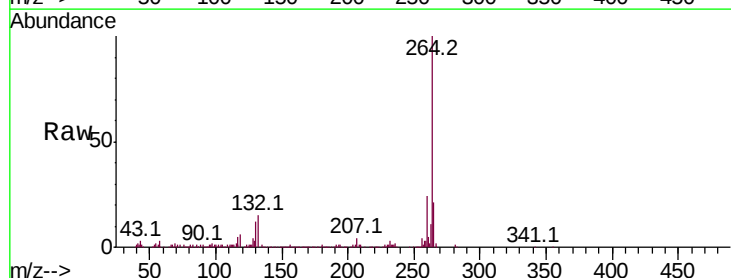
Tgt Ion:264 Resp: 229759

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

